

July 31, 2019

Cletus Ketter
Veolia North America
6001 W. Pershing Rd
Cicero, IL 60804

RE: Project: JUNE BIOSOLIDS CONFIRMATION
Pace Project No.: 40192086

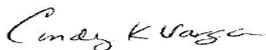
Dear Cletus Ketter:

Enclosed are the analytical results for sample(s) received by the laboratory on July 31, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Cindy Varga
cindy.varga@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Jackie Lawless, Veolia North America
Veolia Support Services North



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: JUNE BIOSOLIDS CONFIRMATION
Pace Project No.: 40192086

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40192086001	PCD061119 (REANALYSIS)	Solid	06/11/19 08:00	07/31/19 08:55

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

July 30, 2019

Cindy Varga
Pace Analytical - WI
1241 Bellevue Street Suite 9
Green Bay, WI 54302

Workorder: 1907M94

TEL: (920) 469-2436

FAX:

RE: Veolia Biosolids- Cicero IL

Dear Cindy Varga:

Suburban Laboratories, Inc. received 1 sample(s) on 6/11/2019 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,



Keith Sinon
Project Manager
708-544-3260 ext 212
keith@suburbanlabs.com





Client: Pace Analytical - WI

Date: July 30, 2019

Project: Veolia Biosolids- Cicero IL

PO #:

WorkOrder: 1907M94

QC Level:

Temperature of samples upon receipt at SLI: C

Chain of Custody #:

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Percent Moisture and Fecal Coliform:

Sample 1907M94-001A: H=Sample analyzed past the holding time for these tests.



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Pace Analytical - WI

Report Date: July 30, 2019

Project Name: Veolia Biosolids- Cicero IL

Workorder: 1907M94

Client Sample ID: PCD061119

Matrix: SLUDGE

Lab ID: 1907M94-001

Date Received: 06/11/2019 5:18 PM

Collection Date: 06/11/2019 12:30 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
FECAL COLIFORM (MPN), CLASS A		Method: SM-9221E-Rev 18Ed, 1992		Analyst: MMM			
Fecal Coliform	8.38	0	H	MPN/g-dry	1	07/26/2019 11:30 AM	R110436
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005		Analyst: LT			
Percent Moisture	4.5	1.0	H c	wt%	1	07/29/2019 5:18 PM	R110505



Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accreditation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
N	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
P	Present
Q	Accreditation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank
V	EPA requires field analysis/filtration. Lab analysis would be considered past hold time.